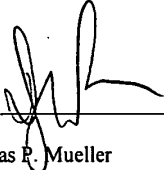


DT14 Rec'd PCT/PTO 04 OCT 2004

FORM PTO-1390 (REV 10-94)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 10921.252USWO
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Unknown <b>10/511588</b>
INTERNATIONAL APPLICATION NO. PCT/JP03/04373	INTERNATIONAL FILING DATE 4 April 2003	PRIORITY DATE CLAIMED 5 April 2002	
TITLE OF INVENTION ANALYTICAL TOOL CARTRIDGE WITH RETRIEVAL MECHANISM, AND SET OF THE CARTRIDGE AND ANALYZER (AS AMENDED)			
APPLICANT(S) FOR DO/EO/US SATO			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(I).</li> <li>4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>			
Items 11. to 16. below concern document(s) or information included:			
<ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> <li>14. <input type="checkbox"/> A substitute specification.</li> <li>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>16. <input checked="" type="checkbox"/> Other items or information: International Publication Page, Declaration of Translation, Application Data Sheet, Form PCT/RO/101, Form PCT/IB/304, Form PCT/IB/308, Form 1449, 15 references, Form PCT/ISA/210, Communication under 37 CFR 1.32(c)(3), 10 Sheets of Formal Drawings</li> </ol>			

DT01 Rec'd PCT/PTO 0 4 OCT 2004

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Unknown <b>10/511588</b>		INTERNATIONAL APPLICATION NO. PCT/JP03/04373		ATTORNEY'S DOCKET NUMBER 10921.252USWO	
17. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)):</b> Search Report has been prepared by the EPO or JPO..... <b>\$950.00</b>  International preliminary examination fee paid to USPTO (37 CFR 1.492(a)(1)) ..... <b>\$750.00</b>  No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) ..... <b>\$790.00</b>  Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(3)) paid to USPTO..... <b>\$1100.00</b>  International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)..... <b>\$100.00</b>				<b>CALCULATIONS PTO USE ONLY</b>	
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>\$950.00</b>	
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				<b>\$</b>	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	18	-20 = 0	X <b>\$18.00</b>	<b>\$0.00</b>	
Independent claims	3	-3 = 0	X <b>\$88.00</b>	<b>\$0.00</b>	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ <b>\$300.00</b>	<b>\$</b>	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$950.00</b>	
Reduction by 1/2 for filing by small entity, if applicable. Small entity status is claimed pursuant to 37 CFR 1.27				<b>\$</b>	
<b>SUBTOTAL =</b>				<b>\$950.00</b>	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+ <b>\$</b>	
<b>TOTAL NATIONAL FEE =</b>				<b>\$950.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+ <b>\$</b>	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$950.00</b>	
				<b>Amount to be:</b>	
				<b>refunded</b>	<b>\$</b>
				<b>charged</b>	<b>\$</b>
a. <input checked="" type="checkbox"/> Check(s) in the amount of <b>\$950.00 and \$40.00</b> to cover the above fees is enclosed.  b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.  c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>13-2725</b> .					
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>					
SEND ALL CORRESPONDENCE TO: Douglas P. Mueller MERCHANT & GOULD P.O. Box 2903 Minneapolis, MN 55402-0903					
				SIGNATURE:  NAME: Douglas P. Mueller REGISTRATION NUMBER: 30,300	

100404  
02570 U.S. PTO

DT14 Rec'd PCT/PTO 04 OCT 2004  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

10/511588

Applicant: SATO et al.  
Docket: 10921.252USWO  
Title: ANALYTICAL TOOL CARTRIDGE WITH RETRIEVAL MECHANISM, AND SET OF THE CARTRIDGE AND ANALYZER (AS AMENDED)

CERTIFICATE UNDER 37 CFR 1.10

'Express Mail' mailing label number: EV131997252US  
Date of Deposit: 4 October 2004

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By:   
Name: David Ortiz

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:


- ☒ Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- ☒ National Stage PCT Patent Application: Spec. 22 pgs; 18 claims; Abstract 1 pgs.  
The fee has been calculated as shown below in the 'Claims as Filed' table.
- ☒ 10 sheets of formal drawings
- ☒ A signed Combined Declaration and Power of Attorney
- ☒ Assignment of the invention to ARKRAY, Inc., Recordation Form Cover Sheet
- ☒ A check in the amount of \$950.00 to cover the Filing Fee
- ☒ A check for \$40.00 to cover the Assignment Recording Fee.
- ☒ Information Disclosure Statement, Form 1449, 15 reference(s).
- ☒ Application Data Sheet, 3 pages.
- ☒ Other: International Publication Page, Declaration of Translation, Form PCT/RO/101, Form PCT/ISA/210, Form PCT/IB/304, Form PCT/IB/308, Communication under 37 CFR 1.32(c)(3), Form PTO-1390, Preliminary Amendment
- ☒ Return postcard

CLAIMS AS FILED

Number of Claims Filed	In Excess of:	Number Extra	Rate	Fee
<b>Basic Filing Fee</b>				\$950.00
<b>Total Claims</b>				
18	- 20	= 0	x 18.00	= \$0.00
<b>Independent Claims</b>				
3	- 3	= 0	x 88.00	= \$0.00
<b>MULTIPLE DEPENDENT CLAIM FEE</b>				\$0.00
<b>TOTAL FILING FEE</b>				\$950.00

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

**MERCHANT & GOULD P.C.**  
P.O. Box 2903, Minneapolis, MN 55402-0903  
(612) 332-5300

By:   
Name: Douglas P. Mueller  
Reg. No.: 30,300  
Initials: DPM:hjm

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**23552**  
PATENT TRADEMARK OFFICE

(PTO TRANSMITTAL - NEW FILING)

S/N unknown

PATENT  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE 10/511588

Applicant: SATO Examiner: unknown  
Serial No.: unknown Group Art Unit: unknown  
Filed: 4 October 2004 Docket No.: 10921.252USWO  
Title: ANALYTICAL TOOL CARTRIDGE WITH RETRIEVAL MECHANISM,  
AND SET OF THE CARTRIDGE AND ANALYZER (AS AMENDED)

**CERTIFICATE UNDER 37 CFR 1.10**

'Express Mail' mailing label number: EV131997252US

Date of Deposit: 4 October 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Alexandria, VA 22313-1450

By: 

Name: David Ortiz

**COMMUNICATION UNDER 37 C.F.R. §1.32(c)(3)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.32 (c)(3) please appoint the following 10 practitioners named in the Power of Attorney to be recognized by the U.S. Patent Office as being of record in the above-identified application:

Brian H. Batzli (32,960)  
John A. Clifford (30,247)  
John J. Gresens (33,112)  
Curtis B. Hamre (29,165)  
Robert A. Kalinsky (50,471)

James A. Larson (40,443)  
Douglas P. Mueller (30,300)  
Joshua N. Randall (50,719)  
Michael D. Schumann (30,422)  
Gregory A. Sebald (33,280)

The undersigned was named on the Power of Attorney.

Respectfully submitted,

MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
(612) 332-5800



Dated: 4 October 2004

By: 

Douglas P. Mueller  
Reg. No. 30,300

DPM:hjm